

METRIC

MIL-DTL-38999/20E
11 June 2001
SUPERSEDING
MIL-C-38999/20D
7 May 1990

DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, CIRCULAR, RECEPTACLE, THREADED, WALL MOUNTING FLANGE, REMOVABLE CRIMP CONTACTS, SERIES III, METRIC

This specification is approved for use by all Departments and
Agencies of the Department of Defense.

The requirements for acquiring the product described herein
shall consist of this specification and MIL-DTL-38999.

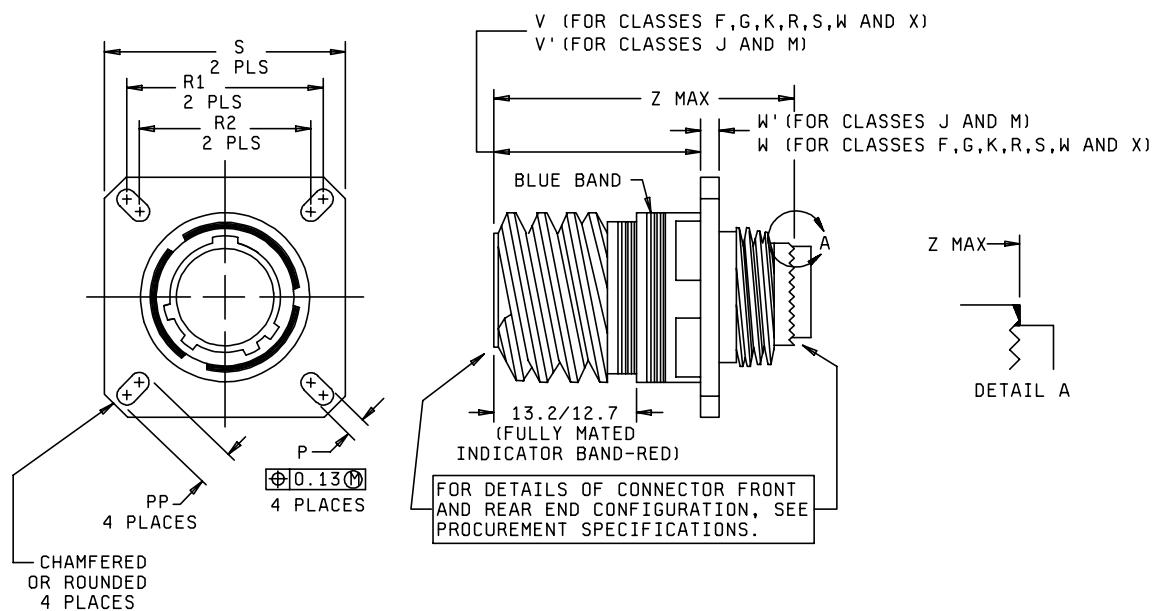


FIGURE 1. Receptacle, classes F, G, J, K, M, R, S, W, and X.

Dimensions						
Shell size	Shell size code	P ± 0.20	PP ± 0.20	R1 (see note 2)	R2 (see note 3)	S ± 0.3
9	A	3.25	5.49	18.26	15.09	23.8
11	B	3.25	4.93	20.62	18.26	26.2
13	C	3.25	4.93	23.01	20.62	28.6
15	D	3.25	4.39	24.61	23.01	31.0
17	E	3.25	4.93	26.97	24.61	33.3
19	F	3.25	4.93	29.36	26.97	36.5
21	G	3.25	4.93	31.75	29.36	39.7
23	H	3.91	6.15	34.93	31.75	42.9
25	J	3.91	6.15	38.10	34.93	46.0

Dimensions						
Shell size	Shell size code	V + 0.00 - 0.13	V' + 1.4 - 0.0	W	W'	Z max
9	A	20.83	19.5	2.5/2.1	3.65/2.1	31.5
11	B	20.83	19.5	2.5/2.1	3.65/2.1	31.5
13	C	20.83	19.5	2.5/2.1	3.65/2.1	31.5
15	D	20.83	19.5	2.5/2.1	3.65/2.1	31.5
17	E	20.83	19.5	2.5/2.1	3.65/2.1	31.5
19	F	20.83	19.5	2.5/2.1	3.65/2.1	31.5
21	G	20.07	18.7	3.2/2.1	4.35/2.1	31.5
23	H	20.07	18.7	3.2/2.1	4.35/2.1	31.5
25	J	20.07	18.7	3.2/2.1	4.35/2.1	31.5

NOTES:

1. Dimensions are in millimeters.
2. Front or rear panel mounting
3. Front panel mounting only.

FIGURE 1. Receptacle, classes F, G, J, K, M, R, S, W, and X – Continued.

REQUIREMENTS:

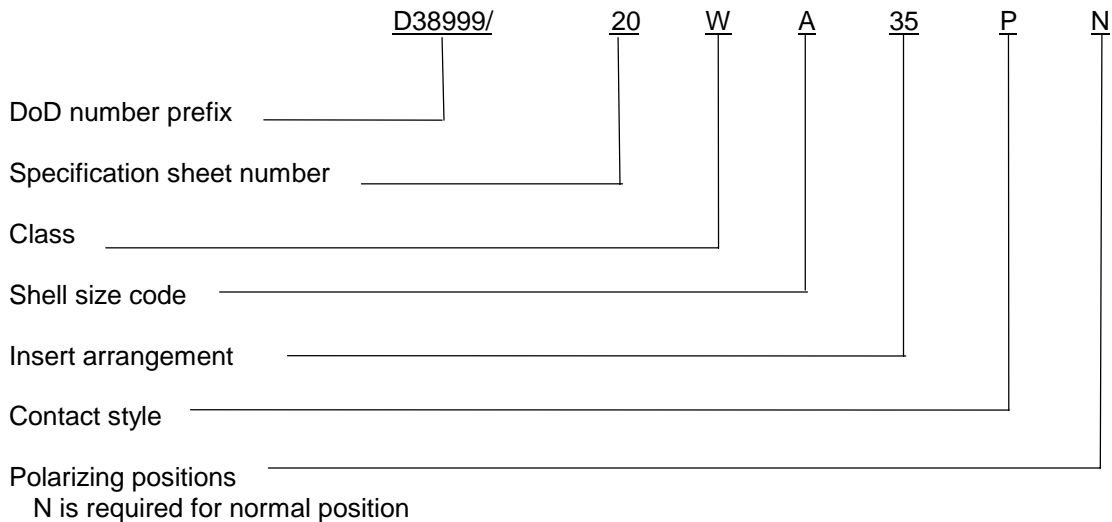
Dimensions and configuration: See figure 1. Interface dimensions shall conform to MIL-DTL-38999.

This connector mates with MIL-DTL-38999/26.

For insert arrangements: See MIL-STD-1560.

Connector accessories: See MIL-C-85049.

Part or Identifying Number (PIN) example:



Class F is not for Navy use and is inactive for Air Force new design use.

NOTE: The term PIN is equivalent to the term (part number, identification number, and type designator) which was previously used in this specification.

CONCLUDING MATERIAL

Custodians:

Army – CR
Navy - AS
Air Force – 11
DLA - CC

Preparing activity:

DLA - CC

(Project 5935-4301-01)

Review activities:

Army - AR, MI
Navy - EC, MC, OS
Air Force - 19, 99